

Ricardo Persaud

Software Engineer

Schenectady NY || 646-716-1181 || ricardo39985@gmail.com || Github || LinkedIn || [Website](#)

I am a full-stack software engineer with experience in Javascript, React, Ruby, ruby on rails, Node, and Express. A lifelong learner with a background in finance, I enjoy keeping up with the latest trends and I strive to create meaningful solutions for consumers and stakeholders. My goal is to build clean accessible code that is both purposeful and scalable

Technical Skills

Languages: Ruby, Javascript, HTML5, CSS, Python

Frameworks: Ruby on rails, Reactjs, Nodejs, Expressjs, Sinatra, TailwindCss, Bootstrap

Databases: SQL, Postgres, Sqlite3, MongoDB

Platforms: Linux(Fedora36, Arch, Ubuntu, Manjaro), Windows

Services: Heroku, AWS, Netlify

Methodologies: RESTFUL APIs, SCRUM, AGILE, MVC, TDD

Others: Git, Linux Terminal, Google APIs, Firebase, Github, Version Control

Technical Projects

Nitro Cabs: [Official Website](#) || [Facebook Page](#) || [Local News Article](#) || [Android App](#)

A mobile taxi booking app built for a market where solutions like Uber are not viable due to high data consumption and low end devices are commonplace. ~3kb per page refresh. Close to 1K monthly active users and growing.

- Built with rails for front end/backend
- Provides user auth via Devise
- Monthly invoicing
- Third party WhatsApp API integration via Twilio
- Private interface for agents accepting cash payments.
- Messaging functionality between drivers and passengers
- Postgres DB

SDR Financial [Github](#)

A full stack banking portal. Built with django, allows for users to sign up and record financial transactions. Built with two other engineers in a collaborative environment

- RESTFUL API
- Styling with materialize CSS Custom Routing
- Full Crud Functionality
- MVT
- Data persistence in PostreSQL.
- Google sign in using Allauth
- Authentication using Django's built-in authentication
- Tailwind CSS Styling
- Custom CSS Styling

War Card Game: Github

Bug tracking application with front end and back end. Allows you to track bugs, update state and close out when closed. Accepts comments from various contributors.

- Rails API backend
- React frontend
- Postgres DB
- Full CRUD functionality
- RESTFUL API
- Utilizes Redux JS for state-management
- Styling with materialize CSS

Bug Tracker: [Github](#)

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- Utilizes Redux JS for state-management
- Styling with materialize CSS
- User authentication

Garage: [Github](#)

It provides a solution for keeping track of cars in a wish-list. Users can add create and update

- Built with Ruby as the main language.
- Applied Rails framework to provide both front and back end functionality.
- Employed a relational database to keep track of users and their associated data
- Used Object Orientation for encapsulation of data.
- Implemented Devise to provide user authentication.
- Executed conditional logic to check authorization before executing on DB.

CLI Stock Scraper: [Github](#)

Uses web scraping technologies to extract data from a website and provide it in a command-line interface.

- Utilized Nokogiri to retrieve stock information from MarketWatch.
- Applied Object Orientation principles to encapsulate data retrieved.
- Utilized conditional logic to provide options that go at least one level deep.

Work Experience

Janitronics Facilities - Albany, New York

Operations Manager 01/2018 - 2020

- Reorganized staff to better address customer's needs resulting in a 40% reduction in service calls.
- Spearheaded a new training plan for new hires resulting in 35% less turnover per quarter.
- Created systems to reduce safety incidents resulting in lower insurance premiums for the company.

T3- Contractor - New York, New York

Proprietary Desk Trader 02/2012 - 04/2017

- Operated in Currency Exchange markets to capitalize on pricing inefficiencies to generate profits
Formulated strategies to identify opportunities resulting in limited downside potential
- Implemented systems to protect positions against adverse market swings

Education

Software Engineering -
2022

General Assembly